

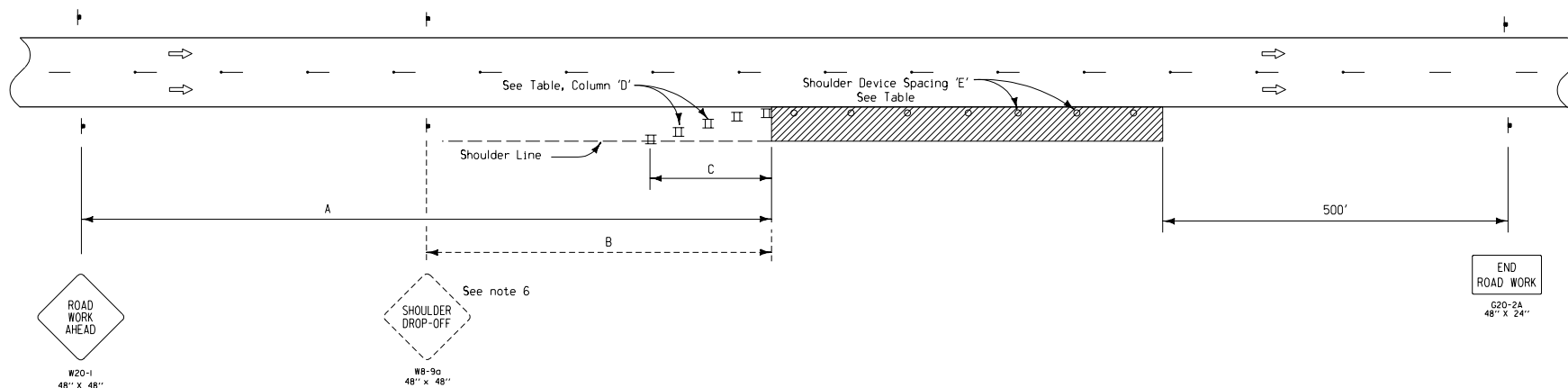
# MULTI-LANE ROADWAY

## TYPICAL APPLICATIONS

Culvert Work  
Shoulder Work  
Utility Operations  
Guardrail Installation  
Side Road Intersection

| SPEED LIMIT | Sign Spacing |      | Shoulder Closure Taper |                | Shoulder Device Spacing 'E' |               |                |
|-------------|--------------|------|------------------------|----------------|-----------------------------|---------------|----------------|
|             |              |      | Taper Length           | Device Spacing | Horizontal Curve Radius     |               |                |
|             | 'A'          | 'B'  |                        |                | Greater than 1000'          | 300' to 1000' | Less than 300' |
| 35 mph      | 500'         | 250' | 100'                   | 25'            | 40'                         | 40'           | 20'            |
| 45 mph      | 1000'        | 500' | 200'                   | 50'            | 80'                         | 40'           | 20'            |
| 55-65 mph   | 1500'        | 500' | 260'                   | 65'            | 120'                        | 40'           | 20'            |

Note: A minimum of three barricades is required.



## GENERAL NOTES:

- This layout represents traffic controls required for workers and equipment operating within 15 feet of the edge of the traveled way for more than 1 hour. For work lasting less than 1 hour, refer to RS-61.
- Signs and barricades shall be covered or removed during nonworking hours unless a drop-off or physical obstruction remains within 15 feet of the edge of the traveled way.
- No signs or barricades are required for equipment operating or work in progress more than 15 feet from the traveled way.
- Cones may be used as channelizing devices in the taper and along the work area during daylight hours only.
- Where no shoulder drop-off exists:
  - Work or equipment confined to a spot location (less than 200 feet) shall be marked with barricades at 25-foot spacing or a vehicle with a yellow revolving light or yellow strobe light visible to oncoming traffic.
  - Work extending more than 200 feet of roadway length shall be marked with barricades as noted in the Table.
- Shoulder Drop-offs (2' or greater)
  - When a shoulder drop-off exists, a "Shoulder Drop-off" sign will follow the "Road Work Ahead" sign.
  - Channelizing devices shall be spaced at 50 feet or in accordance with the Table, whichever is less. Barricade height shall be measured from the pavement surface. A temporary fillet shall be constructed in accordance with Article 1107.09.
  - When the drop-off exceeds 6", the adjacent lane shall be closed. Refer to Standard Road Plans RS-63 and RS-64.
- There will be no parking of vehicles or equipment outside the work area within the public right-of-way.

## LEGEND

- T Traffic Sign
- II Type II Barricade
- o Channelizing Device (Vertical Panel, Type I or Type II Barricade)
- Work Area

Iowa Department of Transportation  
Project Development Division

**STANDARD ROAD PLAN RS-62**

|  |                           |
|--|---------------------------|
| REVISION: Change "TWO-LANE ROADWAY" reference to "MULTI-LANE ROADWAY". | REVISION NO.<br>6         |
| David P. Smith 09-14-98<br>APPROVED BY DESIGN METHODS ENGINEER         | REVISION DATE<br>01-12-99 |

TRAFFIC CONTROL LAYOUT  
FOR WORK LESS THAN 15'  
FROM THE TRAFFIC LANE